

1997 FATALITY RATES

Number, percent, and rate of fatal occupational injuries by selected worker characteristics, industry and occupation, 1997					
Characteristic	Fatalities		Employed ¹	Fatalities	Relative
	Number	Percent		per 100,000 employed ²	standard error ³
Total	6,218	100	130,810	4.7	.1
Employee status					
Wage and salary workers	4,959	80	120,126	4.1	.2
Self-employed	1,259	20	10,684	11.6	1.1
Gender					
Men	5,743	92	70,769	8.1	.3
Women	475	8	60,041	0.8	.4
Age					
Under 16 years	21	--	--	--	--
16 to 17 years	41	1	2,650	1.5	2.2
18 to 19 years	113	2	4,102	2.8	1.7
20 to 24 years	503	8	12,758	3.9	1.0
25 to 34 years	1,319	21	32,288	4.1	.6
35 to 44 years	1,520	24	36,174	4.2	.5
45 to 54 years	1,298	21	26,780	4.8	.6
55 to 64 years	870	14	12,297	7.1	1.0
65 years and over	519	8	3,761	13.8	1.8
Unspecified	14	--	--	--	--
Race					
White	5,098	82	110,819	4.6	.2
Black	676	11	14,211	4.8	.9
American Indian, Eskimo, and Aleut	35	1	--	--	--
Asian and Pacific Islander	189	3	--	--	--
Other	113	2	--	--	--
Unspecified	107	2	--	--	--
Hispanic origin					
Hispanic	656	11	12,813	5.1	1.0
Occupation					
Managerial and professional specialty occupations	667	11	37,686	1.8	.5
Executive, administrative, and managerial occupations	417	7	18,440	2.3	.8
Managers, food serving and lodging establishments	89	1	1,408	6.3	3.0
Professional specialty	250	4	19,245	1.3	.8
Writers, artists, entertainers, and athletes	64	1	2,234	2.9	2.4
Technical, sales, and administrative support occupations	733	12	38,309	1.9	.5
Technicians and related support occupations	172	3	4,214	4.1	1.7
Technicians, except health, engineering and science	114	2	1,275	8.9	3.1
Airplane pilots and navigators	100	2	120	83.3	10.2
Sales occupations	458	7	15,734	2.9	.9
Supervisors and proprietors, sales occupations	223	4	4,635	4.8	1.6
Sales workers, retail and personal services	182	3	6,887	2.6	1.3
Cashiers	84	1	3,007	2.8	2.0
Administrative support occupations, including clerical	103	2	18,361	0.6	.8
Service occupations	492	8	17,537	2.8	.8
Protective service occupations	283	5	2,300	12.3	2.3
Police and detectives, including supervisors	156	3	1,113	14.0	3.4
Guards, including supervisors	78	1	920	8.5	3.7
Service occupations, except protective and household	205	3	14,442	1.4	.9

Number, percent, and rate of fatal occupational injuries by selected worker characteristics, industry and occupation, 1997					
Characteristic	Fatalities		Employed ¹	Fatalities	Relative
	Number	Percent		per 100,000 employed ²	standard error ³
Total	6,218	100	130,810	4.7	.1
Food preparation and service occupations	63	1	5,999	1.1	1.4
Cleaning and building service occupations, except household Janitors and cleaners	85	1	3,108	2.7	2.0
Farming, forestry, and fishing occupations	923	15	3,503	25.9	1.9
Farm occupations	615	10	2,177	27.5	2.4
Related agricultural occupations	120	2	1,170	10.3	3.3
Groundskeepers and gardeners, except farm	103	2	856	12.0	3.8
Forestry and logging occupations	128	2	108	118.5	10.8
Timber cutting and logging occupations	110	2	79	139.2	12.6
Fishers, hunters, and trappers	60	1	49	122.4	16.0
Fishers, including vessel captains and officers	58	1	47	123.4	16.4
Precision production, craft, and repair occupations	1,094	18	14,124	7.7	.9
Mechanics and repairers	325	5	4,675	7.0	1.6
Mechanics and repairers, except supervisors	308	5	4,428	7.0	1.7
Vehicle and mobile equipment mechanics and repairers	135	2	1,898	7.1	2.6
Miscellaneous mechanics and repairers	80	1	919	8.7	3.7
Construction trades	593	10	5,378	11.0	1.5
Supervisors, construction occupations	73	1	693	10.5	4.3
Construction trades, except supervisors	520	8	4,685	11.1	1.6
Carpenters	98	2	1,335	7.3	3.1
Electricians	94	2	774	12.1	4.0
Roofers	55	1	200	27.5	7.9
Extractive occupations	75	1	145	51.7	9.3
Precision production occupations	101	2	3,926	2.6	1.8
Operators, fabricators, and laborers	2,161	35	18,399	11.7	.8
Machine operators, assemblers, and inspectors	221	4	7,962	2.8	1.2
Machine operators and tenders, except precision	127	2	5,062	2.5	1.6
Machine operators, assorted materials	89	1	2,901	3.1	2.1
Fabricators, assemblers, and hand working occupations	83	1	2,113	3.9	2.4
Welders and cutters	61	1	588	10.4	4.6
Transportation and material moving occupations	1,271	20	5,389	23.6	1.5
Motor vehicle operators	1,026	17	4,089	25.1	1.7
Truck drivers	857	14	3,075	27.9	2.0
Taxicab drivers and chauffeurs	100	2	248	40.3	7.1
Transportation occupations, except motor vehicles	76	1	174	43.7	8.5
Material moving equipment operators	169	3	1,125	15.0	3.3
Handlers, equipment cleaners, helpers, and laborers	669	11	5,048	13.2	1.6
Construction laborers	333	5	811	41.1	3.9
Freight, stock, and material handlers	68	1	1,930	3.5	2.5
Laborers, except construction	208	3	1,323	15.6	3.1
Military	94	2	1,252	7.5	3.2
Other or unspecified	54	1	--	--	--
Industry					
Private industry	5,594	90	111,417	5.0	.2
Agriculture, forestry, and fishing	830	13	3,479	23.4	1.9
Agricultural production, crops	373	6	985	36.8	3.6
Agricultural production, livestock	182	3	1,205	14.8	3.2
Agricultural services	176	3	1,199	14.7	3.2
Landscape and horticultural services	108	2	809	13.3	3.9
Fishing, hunting, and trapping	63	1	59	106.8	14.6
Mining	158	3	632	25.0	4.5

Number, percent, and rate of fatal occupational injuries by selected worker characteristics, industry and occupation, 1997					
Characteristic	Fatalities		Employed ¹	Fatalities	Relative
	Number	Percent		per 100,000 employed ²	standard error ³
Total	6,218	100	130,810	4.7	.1
Oil and gas extraction	85	1	369	23.0	5.8
Construction	1,107	18	7,844	14.1	1.2
Manufacturing	743	12	20,765	3.6	.7
Food and kindred products	78	1	1,697	4.6	2.7
Lumber and wood products	199	3	817	24.4	3.9
Logging	136	2	154	88.3	9.0
Primary metal industries	59	1	734	8.0	4.1
Fabricated metal products	50	1	1,321	3.8	3.1
Industrial machinery and equipment	69	1	2,548	2.7	2.2
Transportation equipment	57	1	2,302	2.5	2.3
Transportation and public utilities	1,002	16	7,594	13.2	1.3
Local and interurban passenger transit	106	2	551	19.2	4.8
Taxicabs	93	1	132	70.5	9.8
Trucking and warehousing	569	9	2,560	22.2	2.2
Trucking and courier services, except air	522	8	2,406	21.7	2.3
Water transportation	72	1	172	41.9	8.6
Transportation by air	83	1	822	10.1	3.9
Electric, gas, and sanitary services	89	1	1,060	8.4	3.4
Wholesale trade	241	4	4,896	4.9	1.6
Wholesale trade, durable goods	140	2	2,636	5.3	2.2
Wholesale trade, nondurable goods	100	2	2,259	4.4	2.3
Retail trade	665	11	21,782	3.0	.7
Food stores	189	3	3,643	5.1	1.8
Grocery stores	169	3	3,138	5.4	2.0
Automotive dealers and service stations	115	2	2,217	5.2	2.4
Eating and drinking places	150	2	6,581	2.3	1.4
Finance, insurance, and real estate	97	2	8,080	1.2	1.2
Services	722	12	36,346	2.0	.5
Business services	181	3	6,024	3.0	1.4
Auto repair, services, and parking	109	2	1,623	6.7	2.8
Automotive repair shops	93	1	1,242	7.5	3.2
Government	624	10	19,393	3.2	.8
Federal	162	3	4,461	3.6	1.7
State	127	2	5,031	2.5	1.6
Local	331	5	9,901	3.3	1.1

¹ The employment figures, except for military, are annual average estimates of employed civilians, 16 years of age and older, from the Current Population Survey (CPS), 1997. The resident military figure, derived from resident and civilian population data from the Bureau of the Census, was added to the CPS employment total.

² The rate represents the number of fatal occupational injuries per 100,000 employed workers and was calculated as follows: (N/W) x 100,000, where N = the number of fatal work injuries, and W = the number of employed workers. There were 21 fatally injured workers under the age of 16 years that were not included in the rate calculations to maintain consistency with the CPS employment.

³ The relative standard errors of the CPS employment estimates can be used to approximate confidence ranges for the fatality rates. For example, a confidence range for the roofers rate can be approximated as follows: 27.5 x .079 x 1.6 = 3.5, where 27.5 = the rate, .079 = the relative standard error (7.9 percent), and 1.6 = the factor for a 90 percent confidence level. The confidence range for this rate is 24 to 31 (27.5 plus or minus 3.5).

NOTE: Selected rate categories had 50 or more work injury fatalities in 1997. Dashes indicate data not available or less than .5 percent. Totals for major categories may include subcategories not shown separately. Figures may not add to totals because of rounding.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries, 1997